General Land Office • Original Field Notes

Book Number

774

W.W. Alt - North boundary T 23 N, R 31 W

The images in this file are microfilm images of the notes of W.W. Alt resurveys of portions of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The W.W. Alt resurveys began in the mid 1890's and were completed in the early 1900's.

Duplicate

...ved with letter from W. W. Alt U. S Surveyor dated February 1, 1897. 12664/1897 Ex Ck 7-3-1903 RH

...ved by letter "E" Feb 25th 1898.

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FIELD NOTES

OF THE SURVEY OF

North Boundary

of

Township No. 23 N., Range 31 W

Of the 6th Principal Meridian,

State of Nebraska

AS SURVEYED BY

Willard W. Alt, United States Deputy Surveyor,

Under his Contract No. _____, dated January 26, 1895

Survey commenced October 5, 1896

Survey completed October 5, 1896

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Names and Duties of Assistants.

Sidney Blout, chainman

Frank K. Pratt, chainman

Fred D. Stratton, flagman

Harry R. Knapp, monumenter

Bert Blakeslee, monumenter

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N. Idy.

Township 28 N, Range 31 W.

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Preliminary Oaths of Assistants.

WE, ... and .....
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

.....

..... *, Chainman.*

..... *, Chainman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

WE, ... and .....
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of .....

.....

..... *, Moundman.*

..... *, Moundman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

WE, ... and .....
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

.....

..... *, Axman.*

..... *, Axman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

I, ..., do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of .....

..... *, Flagman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

North Bdy. T. 23 N., R. 31 W.

Chains.	
	At the Cor. of T.s. 23 and 24 N., R.s 31 and 32 W., I turn an angle of 90° to the East, from the range line, and run
	Through Sec. 6.
	East on the tangent
40.00	N. 0.14 lks. from the tangent, set temp. 1/4 Sec. Cor.,
80.00	N. 1 " " " " " Cor. of Secs.
	5, 6, 31 and 32
	Through Sec. 5.
	S. 89° 59' E. on the tangent.
40.00	N. 2.12 lks. from the tangent, set temp. 1/4 Sec. Cor.,
80.00	N. 3.12 " " " " " Cor. of Secs.
	4, 5, 32 and 33.
	Through Sec. 4
	S. 89° 58' E. on the tangent.
40.00	N. 6 lks. from the tangent, set temp. 1/4 Sec. Cor.,
80.00	N. 8.14 " " " " " Cor. of Secs.
	3, 4, 33 and 34
	Through Sec. 3.
	S. 89° 58' E. on the tangent.
40.00	N. 11 lks. from the tangent, set temp. 1/4 Sec. Cor.
80.00	N. 14 " " " " " Cor. of Secs.
	2, 3, 34 and 35.
	Through Sec. 2.
	S. 89° 57' E. on the tangent
40.00	N. 18.14 lks. from the tangent, set temp. 1/4 Sec. Cor.
80.00	N. 23 lks. " " " " " Cor. of Secs.
	1, 2, 35 and 36.

Chains

Through Sec. 1.

S. 89° 56' E. on the tangent.

40.00 N. 27¼ lks. from the tangent, set temp ¼ Sec. Cor.

62.06 N. 31 " " " " " " Cor. of Tps.

which falls 189 lks. N. of the Cor. of Tps. 23 and 24 N., Rs. 30 and 31 W.

Therefore the true course is N. 89° 46' W. and the permanent cors. will be set south from the random line, by offsets decreasing 16 4/10 lks. per half mile

— Boundaries of T. 23 N., R. 31 W. —
Latitude, Departures and Closing Errors.

Lines Originated	True Bearing	Distance	Latitude N	Latitude S	Departure E	Departure W
		chs	chs.	chs	chs.	chs.
S. bdy.	N. 89° 46' W	470.40	1.90			470.40
W. bdy	North	480.00	480.00			
N. bdy.	S. 89° 46' E	462.06		1.89	462.06	
E. bdy	S. 0° 57' E	480.00		480.00	7.95	
					0.66	
Convergency						
Totals			481.90	481.89	470.67	470.40
			481.89		470.40	
Error in Lat. — —			0.01 lk.			
Error in Dep. — — — —					0.27 lks.	

Thence I run
N. 89° 46' W. on the line, bet. Sec. 1 and 36.
Over low rolling hills.

22.06 Deposit a charred stake 12 ins. in the ground for ¼ Sec. Cor.: dig pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raised a mound of earth 3½ ft. base 1½ ft. high, over deposit
In E. pit drove an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S. on N. face

53.00 Low summit. descend gradually over rolling ground

62.06 Deposit a charred stake 12 ins. in the ground

Chains.

for Cor. of Sec. 1, 2, 35 and 36. dig pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist. and raised a mound of Earth 4 ft. base 2 ft. high over deposit
In S. E. pit drive an Oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked
T 24 N S 36 on N. E.
R. 31 W. S 1 on S. E.
T. 23 N., S. 2 on S. W. and
S. 35 on N.W. faces. with 1 notch on E. and 5 notches on W. Edges.
Land: rolling.
Soil: Sandy, 3rd rate.

N. 89° 46' W. on the line bet. Secs. 2 and 35.
Over low rolling hills.

38.00 Begin abrupt ascent

40.00 Deposit a charred stake 12 ins in the ground for ¼ Sec. Cor., dig pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raised a mound of Earth 3½ ft. base, 1½ ft. high, over deposit.
In E. pit drive an Oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked
¼ S. on N. face
Cor. is at top of ascent 30 ft. above over low hills

80.00 Set an Oak Post 3 ft. long 4 ins. sq. with a charred stake, 24 ins. in the ground for Cor. of Sec. 2, 3, 34 and 35. marked.
T. 24 N., S. 35 on N. E.
R. 31 W., S. 2 on S. E.
T. 23 N., S. 3 on S. W. and
S. 34 on N.W. faces, with 2 notches on E. and 4 notches on W. Edges: dig pits 18 x 18 x 12 ins. in each Sec. 3½ ft. dist. and raised a mound of Earth 4 ft. base 2 ft. high, W. of Cor.
Land. rolling and broken
Soil. Sandy, 3rd rate

North bdy. T. 23 N. R. 31 W.

Chains	
	N. 89° 46' W. on the line bet. Secs. 3 and 34
	Descend slightly along W. slope.
36.00	Bottom of descent, in pass. trending N. and S., ascend abruptly.
40.00	Deposit a charred stake 1 min. in the ground for 1/4 Sec. Cor., dig pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist., and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit. In E. pit drive an oak stake 2 ft. long 2 ins. sq., 12 ins. in the ground, marked 1/4 S. on N. face
45.00	Top of ascent, 40 ft. thence, over rolling ground.
55.00	Begin descent.
75.00	Bottom of descent, thence over low hills.
80.00	Deposit a charred stake 1 min. in the ground for Cor. of Secs. 3, 4, 33 and 34, dig pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, over deposit. In S. E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T. 24 N. S. 34 on N. E., R. 31 W. S. 3 on S. E., T. 23 N. S. 4 on S. W. and S. 33 on N. W. faces, with 3 notches on E. and W. edges.
	Land, rolling and broken
	Soil, sandy 3rd rate.

	N. 89° 46' W. on the line bet. Secs. 4 and 33
	Over low hills.
17.00	Low ridge, sloping to S.; thence over low ridges and hills.
40.00	Deposit a charred stake 1 min. in the ground for 1/4 Sec. Cor., dig pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft high, over deposit. In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face

North bdy. T. 23 N. R. 31 W.

Chains	
80.00	Set an oak post 3 ft. long 4 ins. sq. with a charred stake 24 ins. in the ground, for Cor. of Secs. 4, 5, 32 and 33, marked T 24 N. S. 33 on N. E. R. 31 W. S. 4 on S. E., T. 23 N. S. 5 on S. W. and S. 32 on N. W. faces, with 4 notches on E. and 2 notches on W. edges: dig pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raise a mound of earth 4 ft. base 2 ft. high, W. of Cor.
	Land: rolling.
	Soil: – sandy; 3rd rate.

	N. 89° 46' W. on the line bet. Secs. 5 and 32.
	Over low hills ascending gradually
4.00	Top of ascent, thence over low chaparral hills
38.00	Top of low bluff.
39.50	Descend gradually
40.00	Deposit a charred stake 1 min. in the ground for 1/4 Sec. Cor.: dig pits 18 x 18 x 12 ins. E. and W. of Cor. 4 ft. dist. and raise a mound of earth 3½ ft. base 1½ ft. high, over deposit. In E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked 1/4 S. on N. face
	Thence, over low hills
72.00	Low ridge, trend N. & S.: descend
80.00	Deposit a charred stake 1 min. in the ground for Cor. of Secs. 5, 6, 31 and 32: dig pits 18 x 18 x 12 ins. in each Sec. 4 ft. dist. and raise a mound of earth 4 ft. base 2 ft. high, over deposit. In S. E. pit drive an oak stake 2 ft. long 2 ins. sq. 12 ins. in the ground, marked T 24 N. S. 32 on N. E., R. 31 W. S. 5 on S. E., T. 23 N. S. 6 on S. W. and S. 31 on N. W. faces, with 5 notches,

North bly. T. 23 N. R. 31 W.

Chains

on E. and 1 notch on W. edges.
Land, rolling and broken
Soil, sandy 3rd rate.

N. 89° 46' W. on the line bet. Sec. 6 and 31.
over nearly level ground
7.00 ascend moderately.
14.00 Top of ascent, thence descend along
N.W. slope
40.00 Deposit a charred stake 1 mis in the
ground for 1/4 Sec. Cor., dig pits 18 x 18 x 12 ins.
E. and W. of Cor. 4 ft. dist., and raise a mound
of earth 3½ ft. base 1½ ft. high, over deposit.
In E. pit drive an oak stake 2 ft. long
2 ins. sq. 1 ft. in the ground, marked
1/4 S. on N. face.
42.00 Bottom of descent, Enter rolling Valley
land.
80.00 The Cor. of Tps 23 & 24 N., Rs. 31 and 32 W.
Land, rolling
Soil, Sandy 3rd rate.

October 5, 1896.

General Description.

This line runs over a series of low rolling hills for its entire length. No timber of any description, vegetation consisting of a sand grass. Soil very sandy unfit for cultivation.

Willard W. Alt
U. S. Surveyor.

Oct. 5, 1896

~~Final Oaths of Deputy Surveyor and his Assistants.~~

LIST OF NAMES.

A list of the names of the individuals employed by Willard W. Alt, United States ~~Deputy~~ Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of West and South boundary of Township No. 24 N., R. 33 W., the North & East boundaries of Townships No. 21, 22 and 23 N., Range No. 32 W., the East boundary of Township 24 N., R. 32 W. and the North boundary of Townships 21, 22 and 23 N., Range 31 W. of the 6th Prin. Meridian, State of Nebraska. showing the respective capacities in which they acted:

Sidney Blount, Chainman.
Frank H. Drath, Chainman.
Harry R. Knapp, Moundman.
Albert Niemath, Moundman.
Bert Blakeslee, ~~Moundman.~~
~~Axman.~~
Fred. D. Stratton, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Willard W. Alt, United States ~~Deputy~~ Surveyor, in surveying all those parts or portions of the South and West boundary of Township No. 24 N., R. 33 W., the North and East boundaries of Townships No. 21, 22 and 23 N., R. 32 W., the East boundary of Township No. 24 N., R. 32 W., and the North boundaries of Townships No. 21, 22 and 23 N., R. 31 W., of the 6th ~~and~~ ~~base~~ Principal meridian, State of Nebraska, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the ~~United States Surveyor General for~~ Commissioner of the General Land Office.

Sidney Blount, Chainman.
Frank H. Drath, Chainman.
Harry R. Knapp, Moundman.
~~Moundman.~~
~~Axman.~~
~~Axman.~~
Fred. D. Stratton, Flagman.

Subscribed and sworn to before me this 24th day of October, 1896

SEAL

Willard W. Alt
U. S. Surveyor.

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Final Oath of United States Deputy Surveyor.

I, Willard W. Alt, United States ~~Deputy~~ Surveyor, do solemnly swear that, in pursuance of a contract received from Commissioner of the ~~United States Surveyor General for~~ General Land Office, bearing date of the 4th day of May, 1895, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the Commissioner of ~~United States Surveyor~~ General ~~of~~ Land Office, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the North ~~South~~ and East ~~West~~ Boundary of Townships No. 21, 22 and 23 N., Range 32 W., the East boundary of Township No. 24 N., Range 32 W., and the North boundaries of Townships No. 21, 22 and 23 N., Range 31 W. of the 6th of the base ~~and~~ Principal meridian, in the State of Nebraska, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the Commissioner of ~~United States Surveyor~~ General ~~of~~ Land Office and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Willard W. Alt
United States ~~Deputy~~ Surveyor.

Subscribed by said _____, and sworn to before me this 18th day of January, 1897

P. J. Carey,
Clerk of District Court.

SEAL

APPROVAL.

~~Office of the United States Surveyor General,~~

General Land Office, October 22, 1897

The foregoing field notes of the survey of The North Boundary of Township No. 23 North, Range No. 31 West of the 6th Principal Meridian, State of Nebraska.

as executed by Willard W. Alt, United States Surveyor, under his contract ~~No.~~ _____, dated January 26, 1895, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Binger Hermann,
Commissioner and ~~United States Surveyor General.~~
Ex-officio Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in the State of Nebraska, has been correctly copied from the original notes on file in this office.

Binger Hermann
Commissioner ~~United States Surveyor General.~~
General Land Office.

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